

Title (en)

DEVICE AND METHOD FOR LOADING A RAIL VEHICLE IN A STOP AND THEN OPERATING IT WITHOUT AN OVERHEAD LINE

Title (de)

VORRICHTUNG UND VERFAHREN UM EIN SCHIENENFAHRZEUG IN EINE HALTESTELLE ZU LADEN UND DANN OHNE OBERLEITUNG ZU BETREIBEN

Title (fr)

DISPOSITIF ET PROCÉDÉ D'ENTRÉE D'UN VÉHICULE FERROVIAIRE DANS UNE STATION PUIS DE FONCTIONNEMENT DE CELUI-CI SANS LIGNE AÉRIENNE

Publication

EP 3307583 A1 20180418 (DE)

Application

EP 16747769 A 20160803

Priority

- DE 102015215174 A 20150807
- EP 2016068503 W 20160803

Abstract (en)

[origin: WO2017025399A1] The invention relates to a device having an overhead line (3) in the region of a stop and at least one rail vehicle (1) having a current collector (2) for making contact with the overhead line, wherein the overhead line has a central part (4) with a limited, predefined length and adjoining it on at least one side a first end section (5), wherein the central part (4) has an essentially constant predefined height above the rail (9), the first end section (5) has a height above the rail (9) which increases from the central part (4), characterized in that the current collector (2) of the rail vehicle is raised and therefore adjusted to the overhead line (3) in such a way that wearing strips of the current collector (2) have, at the entry of the rail vehicle (1) into the stop, a height above the rail (9) which is at least equal to the essentially constant height of the central part (4) of the overhead line and at maximum equal to the maximum height of the raised first end section (5) of the overhead line above the rail (9). The invention also relates to a method for operating the device, wherein the rail vehicle enters the stop and exits it again with the current collector raised.

IPC 8 full level

B60L 9/00 (2006.01); **B60L 5/16** (2006.01); **B60L 5/28** (2006.01); **B60L 11/18** (2006.01); **B60M 1/02** (2006.01); **B60M 1/36** (2006.01)

CPC (source: EP US)

B60L 5/24 (2013.01 - US); **B60L 5/28** (2013.01 - US); **B60L 5/42** (2013.01 - EP US); **B60L 9/00** (2013.01 - US); **B60L 50/53** (2019.01 - EP); **B60L 53/32** (2019.01 - EP US); **B60M 1/12** (2013.01 - US); **B60M 1/36** (2013.01 - EP US); **B60L 2200/26** (2013.01 - EP US); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP US); **Y02T 90/12** (2013.01 - EP US); **Y02T 90/14** (2013.01 - US)

Citation (search report)

See references of WO 2017025399A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102015215174 A1 20170209; CN 208101719 U 20181116; EP 3307583 A1 20180418; SA 518390841 B1 20210203; US 10793006 B2 20201006; US 2018222325 A1 20180809; WO 2017025399 A1 20170216

DOCDB simple family (application)

DE 102015215174 A 20150807; CN 201690001077 U 20160803; EP 16747769 A 20160803; EP 2016068503 W 20160803; SA 518390841 A 20180130; US 201615750998 A 20160803